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Reston, VA 20191  
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Attorney Docket No. P28448**Mail Stop Amendment**

In re application of : Satoshi TAKAHASHI

Application No : 10/549,319  
(U.S. National Stage of PCT/JP2004/003485)  
Filed : March 16, 2004

Group Art Unit: Not Yet Assigned

Examiner : Not Yet Assigned

For : WAVE DETECTION DEVICE, METHOD, PROGRAM, AND RECORDING MEDIUM

**Mail Stop Amendment**

Commissioner for Patents

U.S. Patent and Trademark Office

Customer Service Window, Mail Stop Amendment

Randolph Building

401 Dulany Street

Alexandria, VA 22314

Sir:

Transmitted herewith is a **Preliminary Amendment** in the above-captioned application.☐ Small Entity Status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a previously filed statement.☐ A verified statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.☒ An Information Disclosure Statement, PTO Form 1449, and references cited.☐ No additional fee is required.

The fee has been calculated as shown below:

Claims After Amendment	No. Claims Previously Paid For	Present Extra	Small Entity		Other Than A Small Entity	
			Rate	Fee	Rate	Fee
Total Claims: 12	20	0	X25=	\$	x 50=	\$0.00
Indep. Claims: 6	6	0	X100=	\$	X200=	\$0.00
Multiple Dependent Claims Presented			+180=	\$	+360=	\$0.00
Extension Fees for ____ Month(s)				\$		\$0.00
Total:				\$	Total:	\$0.00

☐ Please charge my Deposit Account No. 19-0089 in the amount of \$ \_\_\_\_.☒ N/A A Check in the amount of \$ \_\_\_\_ to cover the filing/extension fee(s) is included.☒ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-0089.☒ Any additional filing fees required under 37 C.F.R. 1.16.☒ Any patent application processing fees under 37 C.F.R. 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136)(a)(3).

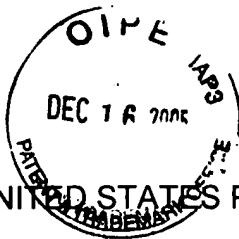
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P28448.A02



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Satoshi TAKAHASHI

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For : WAVE DETECTION DEVICE, METHOD, PROGRAM, AND  
RECORDING MEDIUM

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop AMENDMENT  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir :

Prior to an examination of the above-identified patent application, the

Examiner is respectfully requested to amend the Abstract as follows:

**Amendments to the Abstract** begin on page 2 of this Preliminary  
Amendment.

**Remarks** begin on page 3 of this Preliminary Amendment.